

### **Abstract of the Disclosure**

An integrated reception system for use in a mobile phone for receiving FM/digital broadcast signals. The reception system, which is installed within the phone body, includes a substrate, an antenna having a meandering pattern disposed on the substrate for receiving the broadcast signals, and a pre-processing module disposed on the substrate and connected to the antenna for pre-processing the received signals. The pre-processing module may include a passive filtering network for band-tuning, and an active amplifier for amplifying the received signals from the antenna. The mobile phone has components for converting the received signals into audio signals to produce audio sound.